

ZHUKOVSKIY, P.M., otv. red.; TROSHIN, A.S., otv. red.; ASTAUROV,
B.L., red.; ZHINKIN, L.N., red.; PATVEYEVA, T.S., red.;
SAKHAROV, V.V., red.; FEDOROV, A.A., red.; CHUKSANOVA,
N.A., red.

[Polyploidy and breeding; transactions] Poliploidia i se-
lektsiia; trudy. Moskva, Nauka, 1965. 322 p.

(MIRA 18:6)

1. Soveshchaniye po poliploidii, 1963. 2. Deystvitel'nyy
chlen Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk
imeni V.I. Lenina (for Zhukovskiy). 3. Chlen-korrespondent
AN SSSR (for all except Zhukovskiy).

ASTAUROV, B.L.,

1. of Gagarin's experiments with plant hybrids."
Sov. Sci. Tech. Biol. no.4:4-13 J1-ug '65. (MIRA 18:9)

ASTAUROV, B.L.

Two landmarks in the development of genetic concepts. Biul. MOIP.
Otd. biol. 70 no.4:25-32 J1-Ag '65. (MIRA 18:9)

KHESIN, R.B.; GVOZDEV, V.A.; ASTAUROVA, O.B.

Nonspecificity of cytoplasmic and nuclear tyrosin-activating enzymes
and ribonucleic acid combining with tyrosin. Biokhimiia 26 no.5:807-
816 S-O '61. (MIRA 14:12)

1. Institute of Atomic Energy, Academy of Sciences of the U.S.S.R,
Moscow.

(TYROSIN) (NUCLEIC ACIDS) (ENZYMES)

ASTAVATSATUROV, K.P., dots., KOL'GUNENKO, I.I.

Treatment of acne rosacea. Sov.med. 22 no.4:36-40 Ap '58 (MIRA 11:7)

1. Iz kafedry kzhnykh i venericheskikh zabolevaniy (zav. - prof. A.I. Kartamyshov) Tsentral'nogo instituta usovershenstvovaniya vrachev (dir. V.P. Lebedeva) i vrachebno-kosmeticheskoy lechenitsy Mosgorodra-votdela (dir. M.G. Polikarpova, zav. lechebnoy chast'yu - prof. D.I. Lash).

(ROSACEA, ther.

diathermocoagulation (Rus))

(DIATHERMY,

diathermocoagulation in acne rosacea (Rus))

ASTAYIN-KAZUMIN, D. L.																									
1ST AND 2ND ORDERS													PROCESSES AND PROPERTIES INDEX												
Investigation of a tube of molecular hydrogen. D. L. Astayin-Kazumin. <i>Astron. J. Soviet Union</i> 10, No. 2, 418-420 (1969). The intensity of radiation increases 20% for a 5% increase in voltage, is practically independent of the temp. from 0 to 20°, but increases by 60% at 60°, and increases as the gas disappears with aging. The use of a H tube for spectrophotometric comparison purposes is discussed. P. H. Rathmann																									
AS 6-51A METALLURGICAL LITERATURE CLASSIFICATION																									

ASTAVIN-RASUMIN, D. S.

D.L. Astavin-Rasumin

Determination of the intensity of the luminescence of meteors by means of the photographic method.

All Union Astronomic-Geodetic Society : Bulletin Moscow

9(16), ¹⁹⁵⁰1959, 3-7

From: Monthly list of Russian Annexions, Aug. 1951, Vol. 4, No. 5, P. 27
(Trans. copy)

ASTAVIN-RAZUMIN, D. L.

"Attenuation of the Photographic Image of a Meteor as a Function of Its
Angular Velocity," Byul. VAGO, No.10, pp. 42-44, 1951

Translation 568459

ASTAVIN-RAZUMIN, D.I.

~~Arrangement for meteor photometry. Biul. VAGO no. 16:15-18 '55.~~
(MIRA 8:6)

1. Kuchinskaya astrofizicheskaya observatoriya.
(Meteors) (Photometry, Astronomical.)

Translation 563369

ASTAVIN-RAZUMIN, D.I. (Moskva)

Two meteor spectra of Perceids in 1953. Biul. VAGO no.19:36-39 '56.
(MLRA 10:3)

1. Kuchinskaya astrofizicheskaya observatoriya.
(Meteors--Spectra)

ASTAVIN-RAZUMIN, D.L.

Photoelectric observations of meteor[®]. Biul. VAGO no.22:23-27
'58. (MIRA 11:6)

L.Gosudarstvennyy astronomicheskiy institut im. Shternberga, Kuchino.
(Meteor[®]) (Photoelectric measurements)

ASTAVIN-RAZUMIN, D.I. (Kuchino)

~~.....~~ Polarimetric observations of meteors. Biul. VAGO no.22:28 '58.
(MIRA 11:6)

(Meteors)

ASTIAVIN - RAZUMIN D.L.

FRASE 1 BOX REFUTATION 507/559 507/58-4-24(31)

Yessyngy astro-gedasticheskoye obshchestvo
Krylatskaya, No. 24/31, 1959 (Bulletin, No. 24/31, 1959) Moscow, 14-vo AS SSSR,
1959. 77 p. 1,500 copies printed.

Sponsoring Agency: Akademiyu nauk SSSR.

Ed. of Publishing House: J.P. Gurev. Tech. Ed.: G.A. Astashevskiy. Editorial
Board: V.A. Fedorov (Resp. Ed.), M.S. Zhurav (Deputy Resp. Ed.), N.M.
Pavlov, I.V. Zolotarev, A.A. Ivanov, P.P. Pavlov, P.I. Ponomarev, V.A. Bruchshin
(Scientific Secretary).

NOTE: This publication is intended for astronomers, geophysicists, geodesists,
and theoretical physicists.

CONTENTS: This issue of the Bulletin of the International Astronomical and Geophysical
Society contains articles on lunar and solar eclipses, photographic observation
of Jupiter and Perseid, noctilucent clouds, a collimating view finder, and
the modeling of lunar cirques. The Erythraean Astronomical Observatory is de-
scribed in a separate article. References accompany individual articles.

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AVAILABLE: Library of Congress

Card 3/3

31/Jan/59
7-24-60

19

ASTAVIN-RAZUMIN, D.L. (Kuchino)

Results of photographic observations of Perseids with polaroids.
Bul.VAGC no.24:57-60 '59. (MIRA 13:4)

1. Astrofizicheskaya laboratoriya Gosudarstvennogo astronomi-
cheskogo instituta imeni P.K.Sternberga.
(Meteors--August)

ASTAVIN-RAZUMIN, D.I.

Polarization in various parts of Arend-Roland's comet (1956h).
Bul.VAGU no.26:22-26 '60. (MIRA 13:10)

1. Astrofizicheskaya observatoriya Gosudarstvennogo astronomo-geode-
zicheskogo obshchestva.
(Comets--1956)

S/035/62/000/007/053/083
A001/A101

AUTHOR: Astavin-Razumin, D. I.

TITLE: Polarization in various parts of the Mrkos comet (1957 d)

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 7, 1962,
78, abstract 7A561 ("Byul. Vses. Astron.-geod. o-va", 1960, no. 28 (35),
3 - 5)

TEXT: Observations were conducted on August 8 - 15, 1957, by the method described earlier (RZhAstr, 1960, no. 11, 11458). Five pairs of photographs were taken. It has been found that polarization of the comet varied considerably along the tail during some time spans ($p=12 - 28\%$), as well as varied with time ($p=10-30\%$). ✓

[Abstracter's note: Complete translation]

Card 1/1

30277

S/O35/61/000/010/031/034
A001/A101

9.6170 (1041)

AUTHOR: Astavin-Razumina, D.L.

TITLE: Interferences at photoelectrical observations of meteors

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 10, 1961, 69, abstract 10A489 ("Byul. Vses. astron.-geod. o-va", 1960, no. 28 (35), 6 - 10)

TEXT: The author considers the problem of effects on meteor photoelectrical observations of night-sky glow, star scintillation, electric fluctuations of photomultipliers and variations in sensitivity of photomultipliers. He draws a conclusion that for these observations a region with minimum night-sky glow and minimum scintillations should be selected; moreover, it is desirable to have physical receivers of radiation with admissible output current of the order of 10μ amp. Electric fluctuations in photomultipliers and tube amplifiers should be suppressed. Special investigations show that errors in photoelectrical observations, caused by changes in sensitivity of a photomultiplier during exposure, do not exceed $\frac{1}{2}\%$.

P. Babadzhanov

[Abstracter's note: Complete translation]

Card 1/1

ASTAVIN-RAZUMIN, D.L.

Interferences in photoelectric observations of meteors. Bul.
VAGO no.28:6-10 '60. (MIRA 14:6)

1. Gosudarstvennyy astronomicheskiy institut im. Shternberga.
(Meteors)

ASTAVIN-RAZUMIN, D.L.

Obtaining oscillograms of the intensity of meteor brightness.
Biul.VAGO no.32:8-10 '62. (MIRA 15:11)

1. Gosudarstvennyy astronomicheskiy institut imeni P.K.Shternberga.
(Meteors) (Oscillography)

1. ASTAVTSATUROV, G.
2. USSR (600)
4. Flywheels
7. Device for static balancing of flywheels. Tekhsov. MTS. 13, no. 41, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January, 1953. Unclassified.

ASTEPANOVA, N. G.

Astepanova, N. G. - "DDT in the struggle against insects and ticks, which harm livestock,"
Sel. Khoz-vo, Tadzhikistan, 1948, No. 6, p. 36-39

SO: U-3600, 10 July 53, (Istoria 'Zhurnal 'nykh Statey, No. 6, 1949).

ASTEPEENKO, Pavel Dmitriyevich, doktor geogr. nauk; LIVSHITS, B. Ye.,
red.; BRAYNINA, M. I., tekhn. red.; VOLKOV, N. V., tekhn.
red.

[Journey to the end of the world; Soviet Polar explorer on
spending a winter at the American research station in the
Antarctic] Puteshestvie za trideviat' zemel'; sovetskii po-
liarnik o zimovke na amerikanskoj nauchnoi stantsii v
Antarktike. Leningrad, Gidrometeoizdat, 1962. 170 p.

(MIRA 16:5)

(Antarctic regions)

USSR/Farm Animals. General Problems

Q-1

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 35585

Author : Astikis J.

Inst : ~~Not Given~~

Title : Farming in Czechoslovakia (Sel'skoye khozyaystvo Chekho-
slovskii)

Orig Pub : Soc. Zemas ukis, 1956, No 10, 57-64

Abstract : No abstract

Card : 1/1

ASTER, H.

Z/039/60/021/01/007/040

E140/E135

AUTHOR: Heřman Aster (Engineer)

TITLE: Test Set for Measuring a.c. Voltages and Calibrating
a.c. Voltmeters

PERIODICAL: Slaboproudý Obzor, 1960, Vol 21, Nr 1, pp 29-33

ABSTRACT: A test set has been developed in TESLA Brno. It consists of a peak voltmeter 1 — 300 V, precision 0.08% from 0 to 1 kc/s and 0.5% from 0 to 10 kc/s, using a Weston cell; a diode compensation voltmeter 1 — 100 V, not calibrated, serving for comparison of two voltages in the band from 500 cps to 200 Mcs; RC-oscillator 20 cps to 60 kc/s; LC-oscillator 50 kc/s to 55 Mcs; LC-oscillator 70 to 200 Mcs. Unfortunately the RC-oscillator motorboated on certain frequency bands. There are 4 figures, 2 tables and 5 references, of which 2 are English, 2 Soviet and 1 German.

Card
1/1

ASSOCIATION: TESLA, Brno

SUBMITTED: March 31, 1959

UCHYTIL, B.; ASTER, H.

A device for the objective capacitance vestibulospinography.
Cesk. otolaryng. 14 no.2:123-125 Ap'65.

1. Klinika nemoci usnich, nosnich a krcnich lekarske fakulty
University J.E. Purkyne v 'rne (prednosta: prof. dr. R. Hladky,
DrSc.) a Presna mechanika, n.p. Brno.

ASTOK, V.K.

Currents of the Gulf of Finland based on the evaluation of
hydrologic observations by the dynamic method. Okeanologia
4 no.56922 '64 (MIRA 1882)

ASTOK, V.K.

Currents of the Gulf of Finland based on the processing of
hydrologic observations by the dynamic method. Okeanologiya
5 no.5:825-833 '65. (MIRA 18:11)

1. Upravleniye Gidrometeorologicheskoy sluzhby Estonskoy SSR
i Tallinskaya gidrometeorologicheskaya observatoriya.

Astov, D. A.

5.1400

82006

S/120/60/000/03/049/055
E073/E535

AUTHORS: Astov, D. N. and Voronel', A. V.

TITLE: A Bellows Type Regulation Valve for Operation at Pressures
up to 150 atm γ\

PERIODICAL: Priory i tekhnika eksperimenta, 1960, No 3, p 149

ABSTRACT: In an earlier paper (Ref 1), R. A. Alikhanov described the design of a valve of very low weight which permits continuous regulation of small quantity gas flows at pressures up to 4 atm. This valve has been modified by the authors of this paper to permit regulating gas flows with pressures up to 150 atm. This bellows type valve is of small dimensions and due to a special configuration of the needle the initial gas flow can be regulated between 0.03 and 0.05 cm³/min at normal pressure. Up to the maximum flow, which is 2 to 3 cm³/min, the flow rate can be regulated with an accuracy of 0.1 to 0.2 cm³/min for a pressure gradient of 150 atm. In the case of lower pressure gradients the accuracy of the regulation can be made higher. The valve was

Card 1/2 tested with hydrogen up to pressures of 150 atm. X

Pa

82006

S/120/60/000/03/049/055

E073/E535

A Bellows Type Regulation Valve for Operation at Pressures up to 150 atm

Acknowledgments are expressed to R. A. Alikhanov and V. N. Kostyukov for commenting on the design of the individual components. There are 1 figure and 1 Soviet reference.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut
fiziko-tekhnicheskikh i radiotekhnicheskikh izmereniy ✓
(All Union Scientific Research Institute for Physics,
Technology and Radio Engineering Measurements)

SUBMITTED: April 2, 1959

Card 2/2

SOV-107-58-8-18/53

AUTHOR: Astrabakhin, G., Amateur Radio Master, Class I Judge

TITLE: An Important Matter (Vazhnyy vopros)

PERIODICAL: Radio, 1958, Nr 8, pp 14 (USSR)

ABSTRACT: To improve the standards of high-speed amateur radio transmitting competitions, the author proposes that transmissions should be checked by three judges instead of one (for greater impartiality), that the panel of judges should be made up from representatives of different republics and that judges should have an opportunity to gain experience in higher categories of competitions than the one for which they are qualified.

1. Radio transmitters---Performance 2. Radio operators--USSR

Card 1/1

ASTRAKHAN', A.Z.; IL'YENKO, S.M., dotsent

Determining the optimal speed of carrying out mining operations
in preparing levels for retreat mining. Ugol' 39 no.7:10-12
Jl '64. (MIRA 17:10)

1. Upravlyayushchiy trestom Selidovugol' (for Astrakhan').
2. Donetskii politekhnicheskii institut (for Il'yenko).

ASTRAKHAN, B.V.

Liquid moulages and their use on GUT-Co-400 units. Med. rad.
8 no.9:76-77 S'63. (MIRA 17:4)

1. Iz radiologicheskogo otdeleniya (zav. - kand. med. nauk
M.A. Volkova) Nauchno-issledovatel'skogo onkologicheskogo
instituta imeni P.A. Gertsena.

KVASOV, V.A.; ASTRAKHAN, B.V.

Simple method for the interpolation of dosimetric data in
setting up isodoses for multiple-field irradiation. Med.
rad. 9 no.2:89-93 F '64. (MIRA 17:9)

1. Radiologicheskoye otdeleniye (zav.- kand. med. nauk M.A.
Volkova) Nauchno-issledovatel'skogo onkologicheskogo instituta
imeni P.A. Gertsena (dir.-prof. A.N. Novikov).

ASTRAKHAN, D. B. Cand. Med. Sci.

Dissertation: "Mesothorium and Radium in the Treatment of Cancer." Central Inst.
for Advanced Training of Physicians. 25 Nov 47.

SO: Vechernyaya Moskva, Nov, 1947 (Project #17836)

USSR/Medicine - Radiology

ASTRAKHAN, D. B.

FD 219

Card 1/1

Author : Astrakhan, D. B., Senior Scientific Associate

Title : Radiation therapy of some difficult to treat tumors, achieved by indirect action

Periodical : Vest. Rent. i Rad. 73-79, Mar/Apr, 1954

Abstract : Tumors which can be reached only by indirect radiation should be subjected to stronger radiation in the region of the tumor itself and its more resistive parts. The proposed method of treatment is also recommended for preoperational preparation of the tumor. Six tables.

ASTRAKHAN, D.B., St.nauchn.sotr.

Technic of radium therapy. Vop.onk.1 no.1:90-94 '55 (MLRA 8:10)

1. Iz Gosudarstvennogo onkologicheskogo instituta im. P.A.Gertsena
(Dir.-Chlenkorrespondent, AMN SSSR prof. A.I. Savitskiy)
(RADIUM, therapeutic use,
cancer of mouth, radium needle)
(MOUTH, neoplasms,
ther., radium needle)

ASTRAKHAN, D.V., starshiy nauchnyy sotrudnik; PEL'MAN, S.G., nauchnyy
sotrudnik

Chaul therapy of cancer of the lower lip. Vop.onk. 1 no.6:23-27 '55.
(MLRA 10:1)

1. Iz Gosudarstvennogo onkologicheskogo instituta im. P.A.Gertsena
(dir. - prof. A.N.Novikov, nauchnyy rukovoditel' - chlen-korrespondent
AMN prof. A.I.Savitskiy) Adres avtorov: Moskva 40, Begovaya ulitsa,
d.7. Gosud. onkologich. institut im. P.A.Gertsena.

(RADIOTHERAPY, in various diseases,
cancer of lower lip, close-focus technic (Rus))

(LIP, neoplasms,
ther., x-ray close focus technic (Rus))

ASTRAKHAN, D.B., starshiy nauchnyy sotrudnik

Radiotherapy of malignant tumors of the oral portion of the pharynx.
Vest.oto-rin. l'7 no.2:47-51 Mr-Ap '55. (MIRA 8:7)

1. Iz rentgenologicheskogo otdelaniya Onkologicheskogo instituta
imeni P.A.Gertsena.

(RADIOTHERAPY, in various diseases,
cancer of pharynx)

(PHARYNX, neoplasms,
ther., x-ray)

USSR/Human and Animal Physiology (Normal and Pathological)
Effect of Physical Factors. Ionizing Radiation.

T-13

Abs Jour : Ref Zhur - Biol., No 16, 1958, 75273

Author : Astrakhan, D.V., ~~Monzul~~, G.D.

Inst : Second Moscow Medical Institute.

Title : Qualitative Displacements of Leukocytotic Reactions
During Radiation Sickness.

Orig Pub : Uch. zap. 2-y Mosk. med. in-t, 1957, 6, 144-150.

Abstract : 3 ml of sterile cow's milk, pre-heated to 37-38° was introduced into the femoral muscle of exposed and non-exposed cats (26). The blood was taken from a skin incision in the ear before introduction and in the course of 5-14 hours after it (each hour). After the introduction of milk into the unexposed animals, a two-phase leukocytotic reaction was observed. During 1-2 hours small leukopenia

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USSR/Human and Animal Physiology (Normal and Pathological).
Effect of Physical Factors, Ionizing Radiation.

T-13

Abs Jour : Ref Zhur - Biol., No 16, 1958, 75273

(-12.6%) was decreased by an increase of the quantity of leukocytes (L) an average of 125.8%. In the course of 5-12 weeks after exposure by a one time dose of 500 g (180 kw, 0.5 mm Cu and 1 mm Al; 20 min.) following the introduction of milk, sharp and deep leukopenia developed. The increase of the quantity of L approaching the norm was observed in 50 hours. Along with such a "paradoxical" reaction (P_1), a "transitional" (P_2) type of reaction was met, which combined features of normal and "paradoxical" P_2 reaction of an early group (4-5th week), when the quantity of L in the peripheral blood is restored. In its turn, P_2 is displaced by P_1 , when the original number of L is increased up to 210-280% of the level currently found before exposure. P_2 of the later group appear with the original levels which² comprise 300-350% of normal. The observations described point to the inversions of reactivity of the

Card 2/3

- 103 -

USSR/Human and Animal Physiology (Normal and Pathological).
Effect of Physical Factors. Ionizing Radiation.

T-13

Abs Jour : Ref Zhur - Biol., No 16, 1958, 75273

system of white blood cells during normalization of its
morphological indicators. -- A.D. Zhuchkova.

Card 3/3

ASTRAKHAN, D.E.

Methods and results of radiotherapy for malignant tumors of the oral cavity and of the oral part of the pharynx [with summary in English].
Khirurgiia, 33 no.12:28-34 D '57. (MIRA 11:2)

1. Gosudarstvennogo onkologicheskogo in stituta imeni P.A.Gertsena
(nauchnyy rukovoditel' - chlen-korrespondent AMN SSSR prof. A.I.
Savitskiy, zav. rentgeno-terapevticheskim otdeleniyem - kandidat
meditsinskikh nauk T.G.Lerioshchenio)

(MOUTH, neoplasms

radiother.)

(PHARYNX, neoplasms

same)

(RADIOTHERAPY, in various dis.
cancer of mouth & pharynx)

ASTRAKHAN, D.R., Doc Fed Sci--(dis) "Radiation ^{treatment} ~~therapy~~ of malignant
tumors of the oral cavity, soft palate, tonsils, and ~~the~~ lateral wall of
the pharynx." Mos, 1958. 22 pp (State Sci Res X-ray-Radiological Inst
of the Min of Health RSFSR), 150 copies (FI,31-52, 105)

-89-

ASTRAKHAN, D.B.

Some problems in radiotherapy of cancer of the alveolar process of the mandible, floor of the oral cavity, and cheeks [with summary in English]. Vestn. rent. i rad. 33 no.2:47-52 Mr-Apr '58. (MIRA 11:6)

1. Iz rentgenoterapevticheskogo otdeleniya (zav. - kand.med.nauk T.G.Larionovskiy) Gosudarstvennogo nauchno-issledovatel'skogo onkologicheskogo instituta imeni P.A.Gertsena (dir. - prof. A.N. Novikov)

(FACE, neoplasms

cheek, radiother., problems (Rus))

(MOUTH, neoplasms

radiother., problems (Rus))

(MANDIBLE, neoplasms

alveolar processes, radiother., problems (Rus))

(RADIOTHERAPY, in various dis.

alveolar process of mandible, floor of mouth & cheek, problems (Rus))

ASTRAKHAN, D.B.

Protection of the eye in chaul therapy for tumors of the eyelid.
Vop. zhk. 6 no.7:103-105 Je '60: (MIRA 14:4)
(EYELIDS---TUMORS) (RADIATION PROTECTION)

ASTRAKHAN, Dora Bentsionovna; ZUBOVSKIY, G.A., red.; MIRONOVA, A.M.,
tekhn. red.

[Radiotherapy of malignant tumors of the oral cavity and oral
portion of the pharynx] Luchevoe lechenie zlokachestvennykh
opukholei polosti rta i rotovogo otdela glotki. Moskva, Med-
giz, 1962. 180 p. (MIRA 15:6)

(MOUTH--CANCER) (PHARYNX--CANCER) (RADIOTHERAPY)

ASTRAKHAN, D.B.

Pigmented epithelioma of the skin. Med.rad. 7 no.6:44-49 Je
'62. (MIRA 15:8)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo onkologicheskogo
instituta imeni P.A. Gertsena.
(SKIN---CANCER)

CHERNY, V.A.; ASTRAKHAN, B.I.; VLASOV, A.M.; POMEL'GAS, V.A.

Commercial test gas injection into a water-bearing bed through
a series of wells. Ger. prom. 9 no.10:21-26 1967.

(MIRA 17:12)

CHARNYY, I.A.; TOMEL'GAS, V.A.; ASTRAKHAN, D.I.

Forming an underground gas-storage reservoir by injecting
gas into a horizontal aquifer through a group of wells.

Gaz. prom. 10 no.7:46-48 '65.

(MIRA 18:8)

ASTRAKHAN, I.M.

Pressure on the shock wave during strong spark discharge in water.
Izv. vys. ucheb. zav.; neft' i gaz 2 no.10:87-92 '59.

(MIRA 13:2)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti
im. akad. I.M. Gubkina.
(Shock waves)

Astrakhan, I. M.

S/179/60/000/02/007/032
E031/E213

AUTHOR: Astrakhan, I. M., (Moscow)

TITLE: The Equations of Motion of a Visco-Plastic Fluid in the Boundary Layer of an Arbitrary Surface

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh nauk, Mekhanika i mashinostroyeniye, 1960, Nr 2, pp 54-59 (USSR)

ABSTRACT: Into the fundamental equations of motion (1.1) to (1.3) of an incompressible visco-plastic fluid, written in vector-tensor form, non-dimensional variables are introduced. In the resulting Eq (1.4) the passage to the limit of an infinitely large Reynolds number is made. The cases $R'' \ll R^{1/2}$ and $R'' \sim 1$, where $R'' = \rho U^2 / \tau_0$ (in the usual notation), are considered first. Curvilinear co-ordinates ξ, η, ζ , which are directly related to the surface under investigation, are introduced. If $\underline{\omega}$ is the unit normal to the surface, the family of surfaces of interest can be written in the form

$$\underline{X}_1 = \underline{X}(\xi, \eta) + \zeta \underline{\omega}(\xi, \eta).$$

Card 1/2 The equations for the above cases are formulated. The

VB

S/179/60/000/02/007/032
E031/E213

The Equations of Motion of a Visco-Plastic Fluid in the Boundary Layer of an Arbitrary Surface

case $R'' \ll 1$ is not considered; if $R'' \gg R^{1/2}$ the usual equations of the boundary layer in a viscous fluid are obtained. The boundary conditions for the equations formulated are stated. By way of illustration the problem of a cylindrical pipe of arbitrary cross-section is considered. The equations are solved in the special cases of stationary plane-parallel outside a circular cylindrical pipe and the rectilinear motion in a circular pipe. Acknowledgment is expressed to I. A. Charniy and S. S. Grigoryan for their interest and guidance of this work. There is 1 figure and 4 references, 3 of which are Soviet and 1 English.

SUBMITTED: November 16, 1959

Card 2/2

✓
B

ASTRAKHAN, I.M.

Circular rotating action of visco-plastic fluid in a boundary layer in a round cylinder. Izv. vys. ucheb. zav.; neft' i gaz 3 no.7:85-90 160.
(MIRA 15:5)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti imeni akademika N.M. Gubkina.
(Oil reservoir engineering)

ASTRAKHAN, I.M. (Moskva)

Self-simulating solution of the problem of longitudinal motion
of a cylinder in a viscous-plastic fluid. Izv. AN SSSR. Otd.
tekhn. nauk. Mekh. i mashinostr. no. 1:144-145 Ja-F '61.

(MIRA 14:2)

(Fluid dynamics)

22283

S/152/61/000/004/006/009
B126/B219

26.2182

AUTHOR: Astrakhan, I. M.

TITLE: Nonsteady circular motion of a plastic viscous liquid
enclosed between two cylinders

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Neft' i gaz, no. 4,
1961, 73-76

TEXT: The problem mentioned in the title is solved by the method of the finite integral transformation. The relationship between the moment of force on the inner cylinder, the viscosity η and the limit shearing stress τ_0 can be used for finding η and τ_0 . The liquid is enclosed between two infinite coaxial cylinders; the outer cylinder remains at rest whereas the inner cylinder performs specific vibrations. The moment of force acting on the inner cylinder has to be found. The equation of motion has the

following form: $\rho \frac{\partial v}{\partial t} = \eta \left(\frac{\partial^2 v}{\partial r^2} + \frac{1}{r} \frac{\partial v}{\partial r} - \frac{v}{r^2} \right) - \frac{2\tau_0}{r}$ (1), where v = velocity

of motion, t = time, ρ = density, τ_0 = limit shearing stress, η = struc-
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B126/B219

Nonsteady circular motion...

tural viscosity of the plastic viscous liquid. The radius of the inner cylinder is denoted by a , that of the outer cylinder by b . The boundary conditions are: $v(a, t) = v_0 + f(t)$, $v(b, t) = 0$ (2), where v_0 is the constant velocity of revolution of the inner cylinder, this being subject to specific vibrations. $v(r, 0) = \psi(r)$ (3) is the initial condition. The problem is solved by the method of the Hankel integral transformation. Using the Bessel functions I and Y , the author finds the following expression for $\bar{\psi}$:

$$\begin{aligned} \bar{\psi} = & \int_a^b r B_1(pr) \psi(r) dr - \frac{1}{p} Y_1(pa) \{ C_1 [b^2 I_2(pb) - a^2 I_2(pa)] - \\ & - C_2 [I_0(pb) - I_0(pa)] + \frac{\tau_0}{\eta} ([I_0'(pa) a^2 \ln a - I_0(pb) b^2 \ln b] + \\ & + \frac{2}{p} [b \ln b I_1(pb) - a \ln a I_1(pa)] \} \cdot \frac{2}{p^2} [I_0(pb) - I_0(pa)] - \end{aligned}$$

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Nonsteady circular motion...

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$$\begin{aligned}
 & -\frac{1}{2} [b^2 I_1(pb) - a^2 I_1(pa)] - \frac{1}{p} I_1(pa) [C_1 [b^2 Y_2(pb) - a^2 Y_2(pa)] - \\
 & - C_2 [Y_0(pb) - Y_0(pa)] + \frac{\tau_0}{\eta} ([Y_0(pa)a^2 \ln a - Y_0(pb)b^2 \ln b] + \\
 & + \frac{2}{p} [b \ln b Y_1(pb) - a \ln a Y_1(pa)] + \frac{2}{p^2} [Y_0(pb) - Y_0(pa)] - \\
 & - \frac{1}{2} [b^2 Y_2(pb) - a^2 Y_2(pa)]]. \quad (15)
 \end{aligned}$$

For the moment M he obtains: $M = 2\pi a^2 \tau_0 - \frac{8\pi \tau_0 \eta}{e} \cdot t + 2\pi a \eta \int \frac{F^2 I_1^2(pb)}{p^2 I_1^2(pa) - I_1^2(pb)} \left[\frac{2\eta}{\pi} I_1 + \bar{\tau} e^{-p_2 t} \right]$, where $\bar{\tau}$ is determined by (15). This expression can be used for the determination of τ_0 and η . There are 2 Soviet-bloc references. ✓

Card 3/4

ASTRAKHAN, I. M.

Dissertation defended at the Institute of Mechanics for the academic degree of Candidate of Physicomathematical Sciences:

"Theory of Boundary Layer and Hydrodynamic Stability in the Mechanics of Viscous-Plastic Fluids."

Vestnik Akad Nauk, No. 4, 1963, pp. 119-145

ASTRAKHAN, I.M.

Some solutions of equations for a boundary layer in a viscoplastic
fluid. Trudy MINKHIGP 46:94-102. '64. (MIRA 17:6)

9,19/2

34489

S/109/62/007/002/008/024
D266/D303

AUTHORS: Kontorovich, M.I., Petrun'kin, V.Yu., Yesepkina, N.A.,
and Astrakhan, M.I.

TITLE: Reflection coefficient of plane electromagnetic waves
reflected by a planar wire grating

PERIODICAL: Radiotekhnika i elektronika, v. 7, no. 2, 1962,
239 - 249

TEXT: The paper provides some theoretical and experimental data on
the reflection of electromagnetic waves by a set of wires. The phy-
sical arrangement can be seen in Fig. 1: The wires are infinitely
long and have infinite conductivity, the diameter of the wires is
 $2r_0$ placed a distance a from each other. The two different sets (be-
ing rectangular to each other) are separated by a distance l . If
the limitations

$$r_0 \ll a, \quad l \ll a, \quad a \ll \lambda \quad (1)$$

are imposed, then M.I. Kontorovich's approximate boundary condi-
tions can be used (Ref. 1: Primeneniye metoda usredneniya poley k

Card 1/4

3

Reflection coefficient of plane ...

S/109/62/007/002/008/024
D266/D303

issledovaniyu nekotorykh elektricheskikh sistem (Application of the Field Averaging Method to Study of Some Electrical Problems) Doctoral Thesis, LPI, 1940). Assuming an incident plane wave of arbitrary polarization the authors derive a general formula for the reflection coefficient with the aid of the above boundary conditions. The formula is evaluated for vertical polarization. It contains a parameter χ which represents the coupling between the two sets of wires ($\chi = 0$ for $l = 0$). A numerical example is worked out for $a/r_0 = 50$ and $a/\lambda = 0.25$. The absolute value of the reflection coefficient is plotted against the elevation angle θ , for a number of χ and φ (azimuth angle) values. The reflection coefficient is independent of φ if $\chi = 0$ and independent of χ if $\varphi = 45^\circ$. The authors conclude that if a larger reflection coefficient is to be attained the two sets of wires must not be joined together. If the distance between the wires is comparable with the wavelength the accuracy of the calculations decreases. Experiments were carried out at $\lambda = 3.2$ cm on a 1×1 m² model taking $r_0/\lambda = 1/200$ and $a = \lambda/4$. The experimental results give further confirmation of the theory. There are 4 figures and 3 references: 2 Soviet-bloc and 1 non-

Card 2/4₃

Reflection coefficient of plane ...

S/109/62/007/002/000/000
D266/D303

Soviet-bloc. The reference to the English-language publication is as follows: J.R. Wait, Appl. Scient. Res. B, 1954, 4, 375.

SUBMITTED: June 12, 1961

Card 3/43

ACCESSION NR: AP4043684

S/0109/64/009/008/1507/1509

AUTHOR: Astrakhan, M. I.

TITLE: Averaged boundary conditions on the surface of a rectangular-mesh screen

SOURCE: Radiotekhnika i elektronika, v. 9, no. 8, 1964, 1507-1509

TOPIC TAGS: conducting screen, wire screen

ABSTRACT: Averaged boundary conditions on the surface of a wire screen were analytically described by Kontorovich (Radiotekhn. i elektronika, 1963, 8, 9, 1506) for the particular case of an arbitrary contact between wires at the nodes, perfect conductivity of nonmagnetic wires, and a square shape of the mesh. The present article generalizes these conditions by covering the case of the finite conductance and finite permeability of the wires, skin effect, and a rectangular mesh shape. Formulas describing the generalized averaged boundary conditions

Card 1/2

ACCESSION NR: AP4043685

S/0109/64/009/003/1509/1513

AUTHOR: Kontorovich, M. I.; Astrakhan, M. I.; Spirina, M. N.

TITLE: Delaying electromagnetic waves by wire screens

SOURCE: Radiotekhnika i elektronika, v. 9, no. 8, 1964, 1509-1513

TOPIC TAGS: conducting screen, wire screen, wire screen antenna

ABSTRACT: A theoretical investigation of delaying electromagnetic waves by two plane-parallel wire screens with rectangular meshes is reported. The theory may be applicable to a Barry-Miller antenna (Aviat. Week, 1963, 79, 10, 80-82, 85). In the case of a soldered screen with a square mesh, the TE-wave is not delayed, while the TM-wave propagating along the z-axis without attenuation has a phase velocity $v_0 = \frac{c}{\gamma/k}$, where $\gamma/k > 1$ and can be determined from this equation:

$$kh = \frac{t}{2\gamma(\gamma^2/k^2) - 1} \ln \left[1 - \frac{2a}{\lambda} \ln \frac{a}{2\pi r_0} \frac{1 - 0.5(\gamma^2/k^2)}{\gamma(\gamma^2/k^2) - 1} \right].$$

Card 1/2

ASTRAKHAN, M.N.

DERVIZ, G.V.; ASTRAKHAN, M.N.; VAKSMAN, I.F.

Relation of various proteins to the action of hot solutions of
sulfosalicylic acid [with summary in English]. Biokhimiia 23
no.1:3-10 Ja-F '58. (MIRA 11:3)

1. Biokhimicheskaya laboratoriya Tsentral'nogo instituta gematologii
i perelivaniya krovi, Moskva.

(BLOOD PROTEINS,

eff. of hot solutions of sulfosalicylic acid (Rus)

(SALICYLIC ACID, related cpds.

sulfosalicylic acid in hot solutions, eff. on blood
proteins (Rus)

SHENDEROVICH, S.F.; ZAKSTAL'SKAYA, L. Ya.; ASTRAKHAN, M.N.

Correlation of influenza viruses A2 with enteroviruses during
their multiplication in tissue culture. Vop. virus 9 no.4:
438-443 J1-Ag '64

1. Institut virusologii imeni D.I.Ivanovskogo AMN SSSR,
Moskva.

LEYBZON, Ya.I., inzh.; ASTRAKHAN, V.D., inzh.

Regulation of the speed of fans and pumps using electro-
magnetic and hydraulic slide clutches. Prom. energ. 20
no.11:17-21 N '65. (MIRA 18:11)

ASTRAKHAN, V.I.

Surgery of chromaffin tumors associated with arterial hypertension.
Khirurgiya, Moskva No.12:28-34 Dec 51. (CML 21:4)

1. Of the Propedeutic Surgical Clinic (Director--Honored Worker in
Science Prof. I.L. Fayerman), Ryazan' Medical Institute imeni I.P.
Pavlov and of the Hospital imeni Ostroumov, Moscow.

ASTRAKHAN, V.I.

A method for determining the quantity of wound exudate. Khirurgia
32 no.7:54-55 J1 '56. (MIRA 9:11)

1. Iz kafedry obshchey khirurgii (sav. - zasluzhennyy deyatel' nauki
prof. I.I. Fayerman) Ryazanskogo meditsinskogo instituta imeni akad.
I.P. Pavlova)

(WOUNDS AND INJURIES

exudates, quantitative determ.)

(EXUDATES AND TRANSUDATES

exudates from wds., quantitative determ.)

ASTRAKHAN, V.I., doktor med.nauk (Ryazan')

Theory of wound treatment; views of I.V.Davydovskii [with summary in
English]. Khirurgiia 34 no.2:43-41 F '58. (MIRA 11:4)
(WOUNDS AND INJURIES, ther.
Davydovskii theory (Rus))

ASTRAKHAN, V.I., doktor med.nauk; BERLIN, A.Ya., prof.; LAZAREV, N.I.,
kand.biologicheskikh nauk; PEREVODCHIKOVA, N.I., kand.med.nauk

Second Coordinating Conference on Chemotherapy in Cancer. Vest.
AMN SSSR 14 no.5:77-82 '59. (MIRA 14:5)
(CANCER—CONGRESSES)

LARIONOV, Leonid Fedorovich, prof.; ASTHAKHAN, V.I., red.; KUZ'MINA,
N.S., tekhn. red.

[Chemotherapy of malignant tumors] Khimioterapiia zlokachestven-
nykh opukholei. Moskva, Medgiz, 1962. 463 p. (MIRA 15:9)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for
Larionov).

(CHEMOTHERAPY) (CANCER)

ASTRAKHAN, V.I.

Grucine. Zdorov'e 8 no.4:21 Ap '62.
(SCHIZOTRYPMANIUM CRICK)

(CANCER)

(MIRA 15:4)

ASTRAKHAN, V.I.

Current problems of clinical chemotherapy of cancer. Vest,
AMN SSSR 19 no.11:70-75 '64. (MIRA 18:3)

1. Institut eksperimental'noy i klinicheskoy onkologii AMN SSSR,
Moskva.

GARIN, A.M.; ASTRAKHAN, V.I.; BYCHKOV, M.B.; LARIONOV, L.F.; PEREVODCHIKOVA, N.I.

Clinical use of high single doses of sarcosine and endoxan
(cyclophosphane). Vop. onk. 11 no.10:3-9 '65.

(MIRA 18:10)

1. Iz terapevticheskogo otdeleniya (zav. -- doktor med.nauk V.I.
Astrakhan) Instituta eksperimental'noy i klinicheskoy onkologii
AMN SSSR (direktor i zav. klinicheskim otdelom -- deystvitel'nyy
chlen AMN SSSR prof. N.N.Flekhin).

GRABOVSKAYA, Lidiya Ivanovna; ASTRAKHAN, Yevgeniy Davidovich; GINZBURG, A. I., glavnyy red.; POLYAKOV, M.V., zam.glavnogo red.; KOLOSHINA, T. V., red.izd-va; BYKOVA, V.V., tekhn.red.

[Biochemical and geobotanical studies in prospecting for rare-metal deposits.] Biogeokhimicheskie i geobotanicheskie issledovaniia pri poiskakh redkometal'nykh mestorozhdenii. Moskva, Gosgeoltekhizdat, 1963. 62 p. (Geologiya mestorozhdenii redkikh elementov, no.19). (MIRA 17:2)

CHERCHENKO, G.V.; NAZAROV, N.N.; ASTRAKHANKIN, V.A.

Determining the propagation velocity of supersonic waves in oils of
the middle Volga Valley. Trudy Giprovestoknefti no.3:363-372 '61.
(MIRA 14:12)
(Volga Valley--Prospecting--Geophysical methods)

ASTRAKHANKIN, V.A.; NAZAROV, N.N.; CHERCHENKO, G.V.

Measuring the speed of ultrasound in petroleums of the middle Volga
Valley. Prim. ul'traakust. k issl. veshch. no.14:77-85 '61.
(MIRA 14:12)

(Ultrasonic waves--Speed) (Volga Valley--Petroleum geology)

CHERCHENKO, G.V.; NAZAROV, N.N.; ASTRAKHANKIN, V.A.

Determining the propagation velocity of ultrasonic waves
in oils of middle Volga Valley. Izudy Giprovtoknefti no.3:
363-372 '61. (MIRA 16:7)

(Volga Valley--Petroleum--Analysis)
(Ultrasonic waves--Industrial applications)

ASTRAKHANSKAYA, N. A.

ASTRAKHANSKAYA, N. A. — "Significance of the Nervous System to the Development and Function of the Mammary Gland." Acad Sci USSR, Inst of Physiology imeni I. P. Pavlov, Leningrad, 1955* (Dissertation for the Degree of Candidate in Sciences)

SO: Knizhnaya letopis', No. 37, 3 September 1955

*For the Degree of Candidate in Biological Sciences

ASTRAKHANSKAYA, N.A.

ASTRAKHANSKAYA, N.A.

Some data on the effect of the nervous system on the microstructure of the glandular tissue of the mammary gland. Biul. eksp. biol. i med. 46 no.12:93-97 D '58. (MIRA 12:1)

1. Iz laboratorii fiziologii sel'skokhozyaystvennykh zhivotnykh (zav. - prof. I.A. Baryshnikov) Instituta fiziologii imeni I.P. Pavlova AN SSSR i kafedry gistologii i embriologii (zav. - prof. Z.S. Karsnol'son) Leningradskogo veterinarskogo instituta. Pradstavlena akademikom K.M. Bykovym.

(BREAST, physiol.

eff. of denervation on glandular tissue in guinea pigs (Rus))

ASTRAKHANSKIY, T. N.

Scalp - Diseases

Experiment of treating dermatomycosis of the scalp without X-rays. Vest. ven. i derm.
No. 1, 1953.

Monthly List of Russian Accessions, Library of Congress
June 1953. UCL.

ASTRAKHANSKIY, B.V.

ASTRAKHANSKIY, B.V.

The SSM-6-56 seismic logging station. Razved. i prom. geofiz. no.19:
22-24 '57. (MIRA 10:11)
(Bashkiria--Oil well logging--Equipment and supplies)

ASTRAKHANSKIY, I.I.

Publication of a Soviet atlas of the Antarctic. Mor. sbor, 44
no.5:92-96 My '61. (MIRA 16:5)

(Antarctic regions—Maps)

ASTRAKHANSKIY, I.W.

Maneuvers of American falsifiers. Mor. sbor. 48 no.7:24-27
Jl '65. (MIRA 18:8)

ANDREYEV, Yu.A.; ASTRAKHANSKIY, I.N.

American pirates on ocean and sea lanes. Mor.sbor. 44 no.1:10-16
Ja '61. (MIRA 14:3)

(Freedom of the seas)
(United States--Defense)

ASTRAKHANSKIY, I.N.

American semisubmersible vessel "Flip.". Mor. sber. 46 no. 5:84-86
My '63. (MIRA 17:1)

TIMOSHINOV, V., leytenant; ASTRAKHANTSEV, A., leytenant

Experience building bridges over shallow water in winter. Voen.-
inzh.zhur. 101 no.12:16-25 D '57. (MIRA 10:12)
(Military bridges)

Astakhantsev

KAGAN, Yo.M., kand.med.nauk; ASTRAKHANTSEV, F.A., nauchnyy sotrudnik

An improved method for X-ray examination of the large intestine.
Vent.rent. 1 rad. 33 no.2:19-24 Mr-Apr '58. (MEDA 11:6)

1. Iz rentgenodiagnosticheskogo otdela (zav. - prof. I.A.Shekhter)
Gosudarstvennogo nauchno-issledovatel'skogo instituta rentgenologii
i radiologii (dir. - dotsent I.G.Lagunova) Ministerstva zdavo-
okhraneniya RSFSR.

(INTESTINE, LARGE, neoplasms

tannic acid & bis(p-acetoxyphenyl)-2-pyridylmethane
prep. in x-ray diag. (Rus))

(CONTRAST MEDIA

tannic acid-bis(p-acetoxyphenyl)-2-pyridylmethane
prep. in x-ray diag. of large intestine neoplasms (Rus))

(TANNIN

same)

ASTRAKHANSEV, F.A. (Moskva, ul. Gertsena, d. 47, kv. 45)

Apparatus for contrast study of the large intestine. Vest. rent. i
rad. 34 no. 1:72-73 Ja-Y '59. (MIRA 12:3)

1. Iz rentgenodiagnosticheskogo otdela (zav. - prof. I.A. Shekhter)
Nauchno-issledovatel'skogo instituta rentgenologii i radiologii
(dir. - dots. I.G. Lagunova)
(INTESTINE, LARGE, radiography
appar. for contrast study (Rus))

SHEKHTER, I.A.; PEREL'MAN, M.I.; ASTRAKHANTSEV, F.A.; UPITER, M.Z.

Angiopulmonography in surgery of pulmonary tuberculosis. Khirurgiia
35 no.9:57-63 '59. (MIRA 13:12)
(LUNGS—BLOOD SUPPLY) (ANGIOGRAPHY)
(TUBERCULOSIS)

PEREL'MAN, M.I., dotsent (Moskva, G-19, B Afanas'yevskiy per., d.36, kv.11);
ASTRAKHANTSEV, F.A.; UPKTER, M.Z.

Angiopneumographic method in pulmonary tuberculosis. Vest. rent.
i rad. 35 no. 4:13-17 JI-Ag '60. (MIRA 14:2)

1. Iz kafedry tuberkuleza (zav. - prof. A.Ye. Rabukhin) "Sentral'-
nogo instituta usovershenstvovaniya vrachev (direktor M.D. Kovrigina),
rentgenodiagnosticheskogo otdela (zav. - prof. I.A. Shekhter)
Gosudarstvennogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo
instituta Ministerstva zdoravookhraneniya RSFSR (zav. - dotsent
M.I. Perel'man) 3-y gorodskoy klinicheskoy tuberkuleznoy bol'nitsy
"Zakhar'ino" (glavnyy vrach V.P. Petrik).
(TUBERCULOSIS) (ANGIOGRAPHY)

ZUBCHUK, N.V.; ASTRAKHANTSEV, F.A.

Comparative significance of transverse tomography in the diagnosis
of lung cancer. Khirurgiia 36 no.1:74-80 Ja. '60.

(MIRA 13:10)

(LUNGS—CANCER)

IVANITSKAYA, Ye.P., doktor med.nauk (Moskva, B.Ovchinnikovskiy pre., d.24,kv.13);
KACHAROVSKAYA, I.B., mladshiy nauchnyy sotrudnik; ASTRAKHANTSEV, F.A.,
mladshiy nauchnyy sotrudnik

Radiotherapy in cancer of the rectum. Vest. rent. i rad. 36 no.4:
59-66 JI-Ag '61. (MIRA 15:2)

1. Iz rentgenoterapevticheskogo otdela (zav. - starshiy nauchnyy
sotrudnik I.A. Pereslegin) Gosudarstvennogo nauchno-issledovatel'skogo
rentgeno-radiologicheskogo instituta Ministerstva zdravookhraneniya
RSFSR (dir. - prof. I.G.Lagunova).
(RECTUM_CANCER) (RADIOTHERAPY)

SHEKHTER, I.A., prof.; PEREL'MAN, M.I., dotsent; ASTRAKHANTSEV, F.A.;
UPITER, M.Z.

Diagnostic significance of angiopulmonography in tuberculosis
of the lungs. Vest. rent. i rad. 37 no.5:17-21 S-O '62.

(MIRA 17:12)

1. Iz kafedry tuberkuleza (zaveduyushchiy - prof. A.Ye. Rabukhin)
TSentral'nogo instituta usovershenstvovaniya vrachey i rentgeno-
diagnosticheskogo otdela (zaveduyushchiy - prof. I.A. Shekhter)
Gosudarstvennogo nauchno-issledovatel'skogo rentgeno-radiolc-
gicheskogo instituta i khirurgicheskogo otdeleniya (zaveduyushchiy-
dotsent M.I. Perel'man) 3-y Moskovskoy klinicheskoy tuberkuleznoy
bol'nitsy "Zakhar'ino" (glavnyy vrach V.P. Petrik). Adres avtora:
Novopeschanaya ulitsa, dom 3, kvartira 46.

LUK'YANCHENKO, B.Ya.; Sedov, V.V.; ASTRAKHANTSEV, F.A.

Methodology of direct lymphography under experimental and
clinical conditions. Vest. rent. i rad. 28 no.2:16-20 Mr-Ap'63.
(MIRA 16:9)

1. Iz rentgenodiagnosticheskogo otdela (zav. - prof. I.A.
Shekhter) Gosudarstvennogo nauchno-issledovatel'skogo rent-
geno-radiologicheskogo instituta (dir. - prof. I.G.Lagunova)
Ministerstva zdoravookhraneniya RSFSR.
(LYMPHATICS—RADIOGRAPHY)

ASTRAKHANTSEV, G., udarnik kommunisticheskogo truda

Formation of a new man. Sov.shakht. 11 no.1:39-40 Ja '62.

(MIRA 14:12)

1. Predsedatel' tovarishcheskogo suda na gorlovskoy shakhte
"Kondrat'yevka-Novaya".

(Communism) (Courts of honor)

ASTRAKHANTSSEV, G.V.; TRUSHKOV, G.S.

Determining the position of the borehole in relation to the mine.
Gor.zhnr. no.4:54 Ap '55. (MIRA 8:7)
(Prospecting--Geophysical methods)

ASTRAKHANTSEV, G.V.

Properties of the frequency and transfer characteristics of an
alternating electromagnetic field used in electric prospecting.
Trudy Inst.geofiz.UFAN SSSR no.3:135-142 '65.

(MIRA 18:8)

ASTRAKHANTSEV, G.V.

Dielectric permeability and polarizability of rocks.
Izv. AN SSSR. Ser.geofiz. no.12:1802-1803 '62. (MIRA 16:2)

1. . Institut geofiziki, Ural'skiy filial AN SSSR.
(Rocks--Electric properties)